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for FY 2002				First Named Inventor							2	1		
Patent fees are subject to annual revision.						Name		Richard F. Hellbaum 🔏 Budd M.					1	
Applicant claims small entity status. See 37 CFR 1.27								2834						
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Name (PrintlType)	Robin W. E	dwards		Registr (Attorne			39,1	79	Telephone	864-	3230			

12/19/01 Edwar ds Signature WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Date

NASA Case No. LAR 15348-2



PATENT APPL

IN THE UNITED STATES AND TRADEMARK OFFICE

In re Application of

Richard F. Hellbaum et al.

Serial No.: 49/797,553

Filed: January 24, 1997

: Examiner: Budd, M.

: Art Unit: 2834

THIN LAYER COMPOSITE UNIMORPH FERROELECTRIC DRIVER For:

AND SENSOR

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this paper (along with any other paper referred to as being attached or enclosed) is being deposited with the United States Postal Service of the date shown below with sufficient postage as first class mail in an envelope address to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Date: 12/19/01

Robin W. Edward

RESPONSE

Assistant Commissioner for Patents Washington, DC 20231

APR 2 2 2002

Sir:

THE CHILLIAN Responsive to the Office Action mailed June 19, 2001, please consider the following remarks:

01/28/2002 DTESSEM1 00000302 140116 09797553

01 FC:117 920.00 CH

REMARKS

Claims 17-24 stand rejected under 35 U.S.C. 103 as unpatentable over Corwin in view of Haertling or vice versa.

(1) The Examiner argues that it would have been obvious to one of ordinary skill in the art that the prestress layer could be attached to either the concave or convex side of the piezoelectric element. More specifically, the Examiner asserts